

LIGHT-COLLECTING ILLUMINATION SYSTEM

ABSTRACT

Light-collecting illumination systems are disclosed, which include a light source
5 module, a first meniscus lens having a convex side and a concave side and a second meniscus
lens having a convex side and a concave side. The concave side of the second meniscus lens
is adjacent to the convex side of the first meniscus lens and the concave side of the first
meniscus lens faces the light source module for receiving light therefrom. In addition, light-
collecting illumination systems are disclosed, which include a plurality of light source
10 modules and a system of optical elements comprising a plurality of pairs of meniscus lenses,
each pair being associated with a light source module.